

FIG. 1

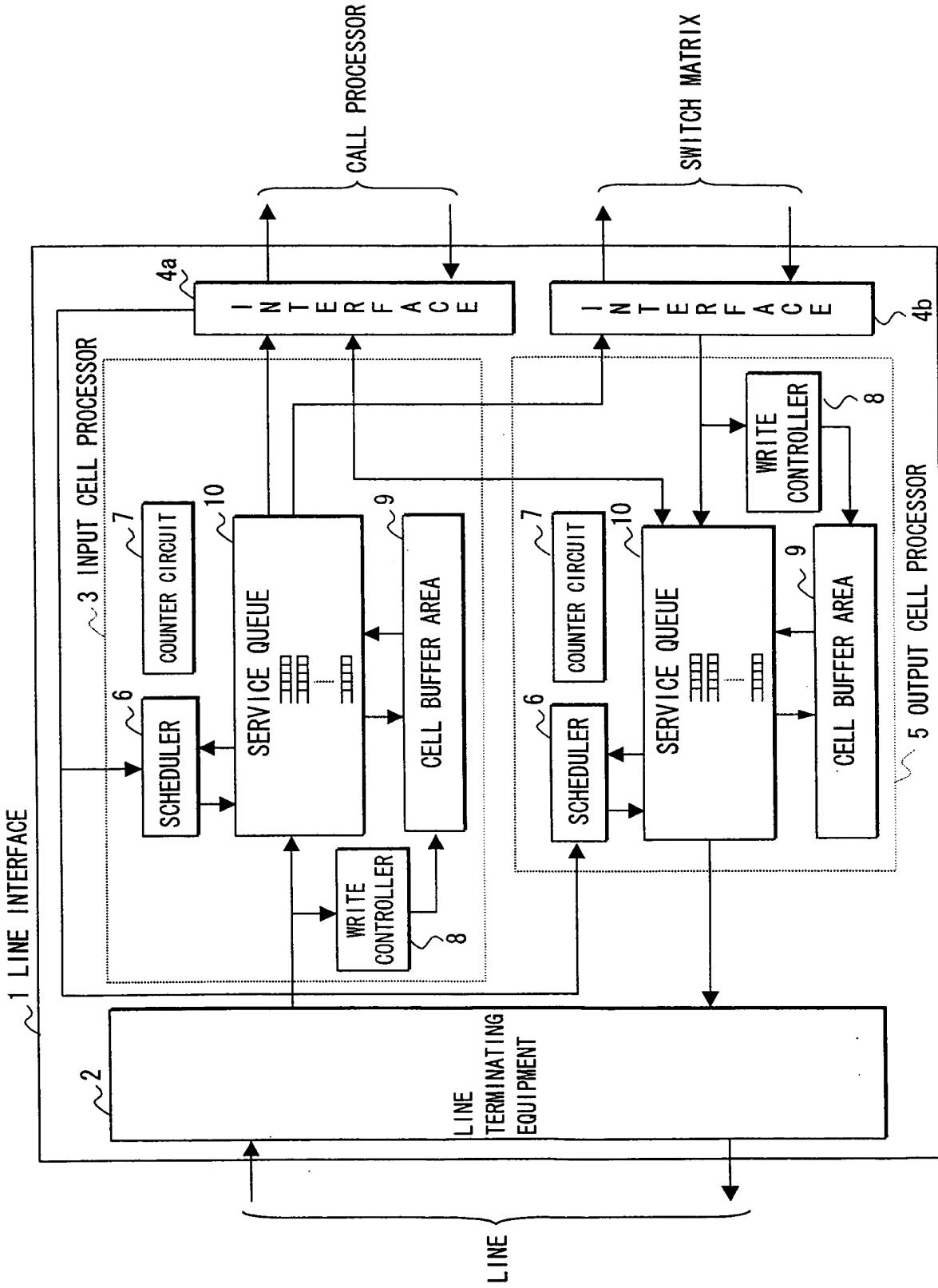


FIG. 2

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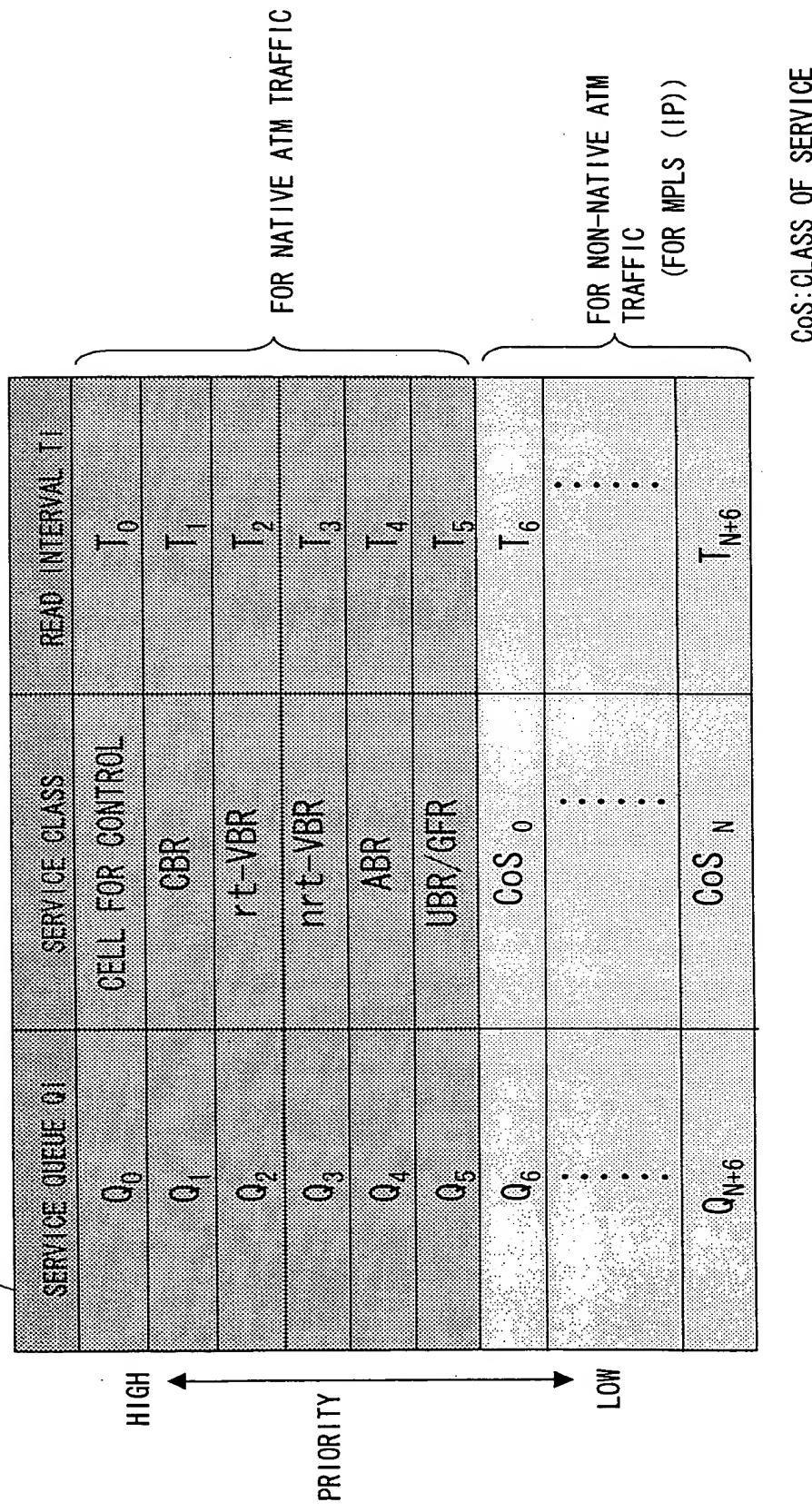


FIG. 3

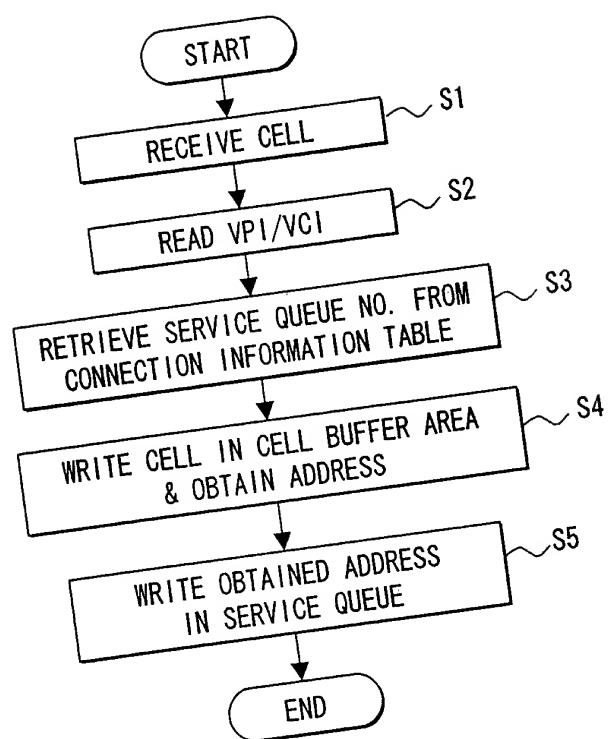


FIG. 4

| ENTRY NO. | VPI | VCI | SERVICE QUEUE NO. |
|-----------|-----|-----|-------------------|
| 0 | 15 | 13 | Q ₄ |
| 1 | 21 | 19 | Q ₆ |
| ... | ... | ... | ... |

FG 66(4)

FIG. 5

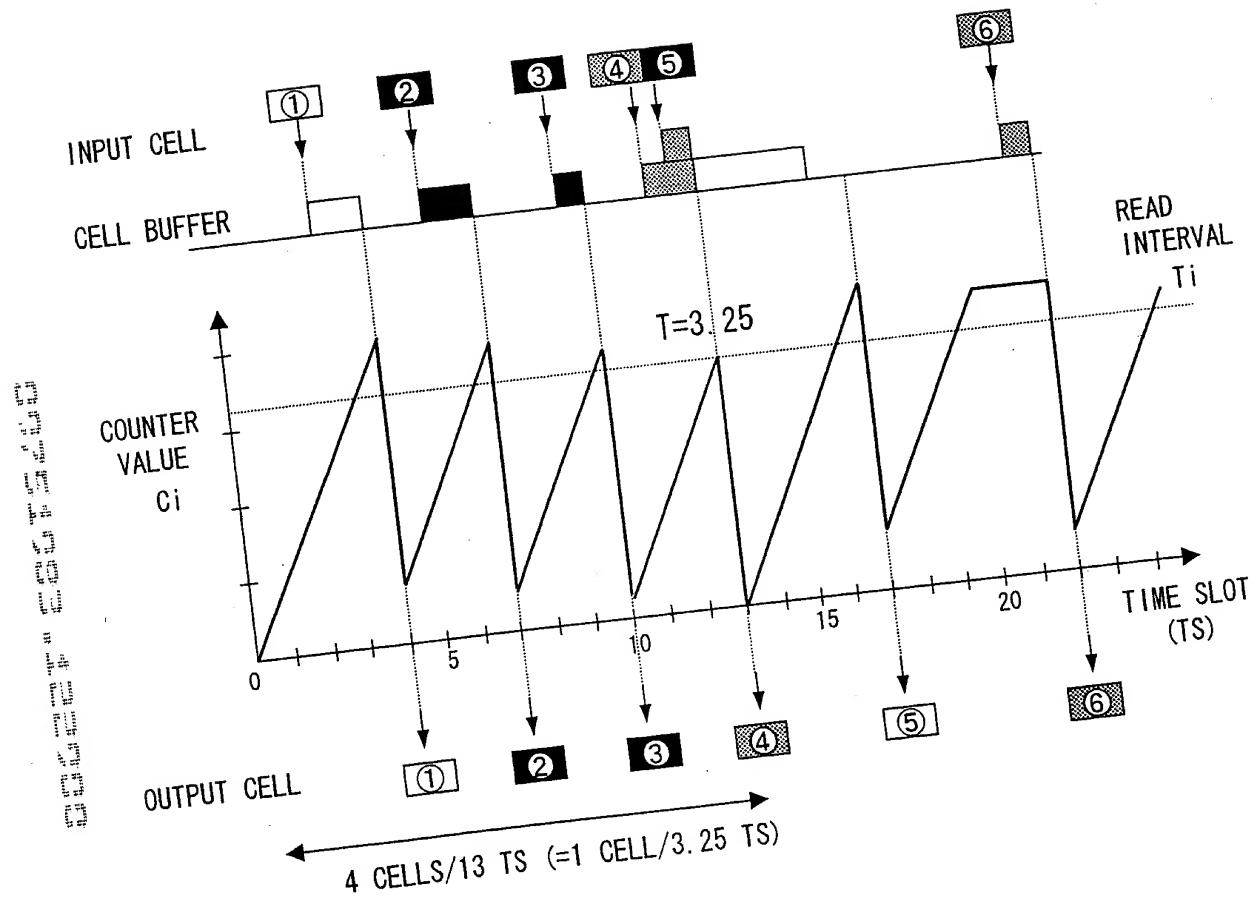


FIG. 6

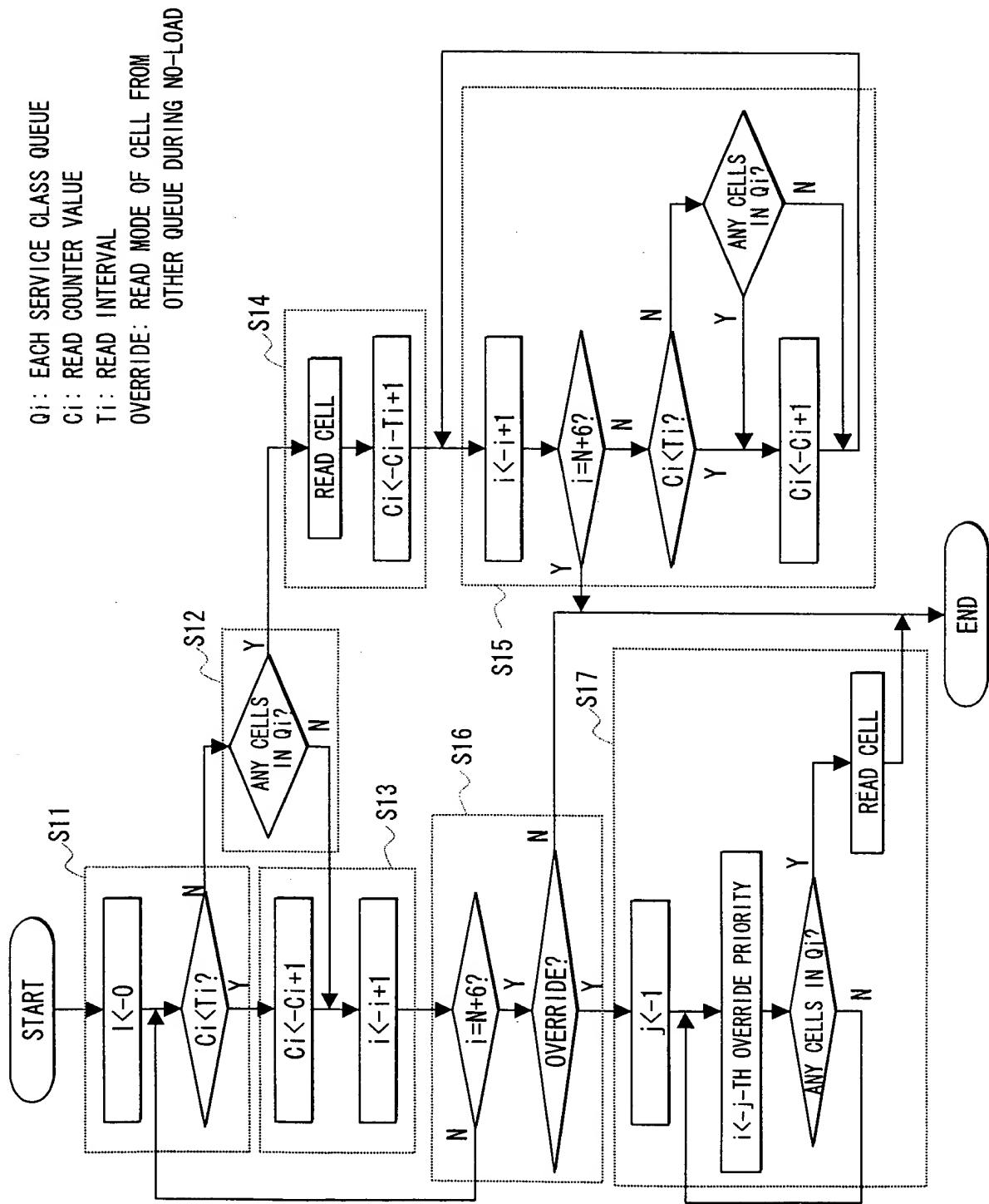
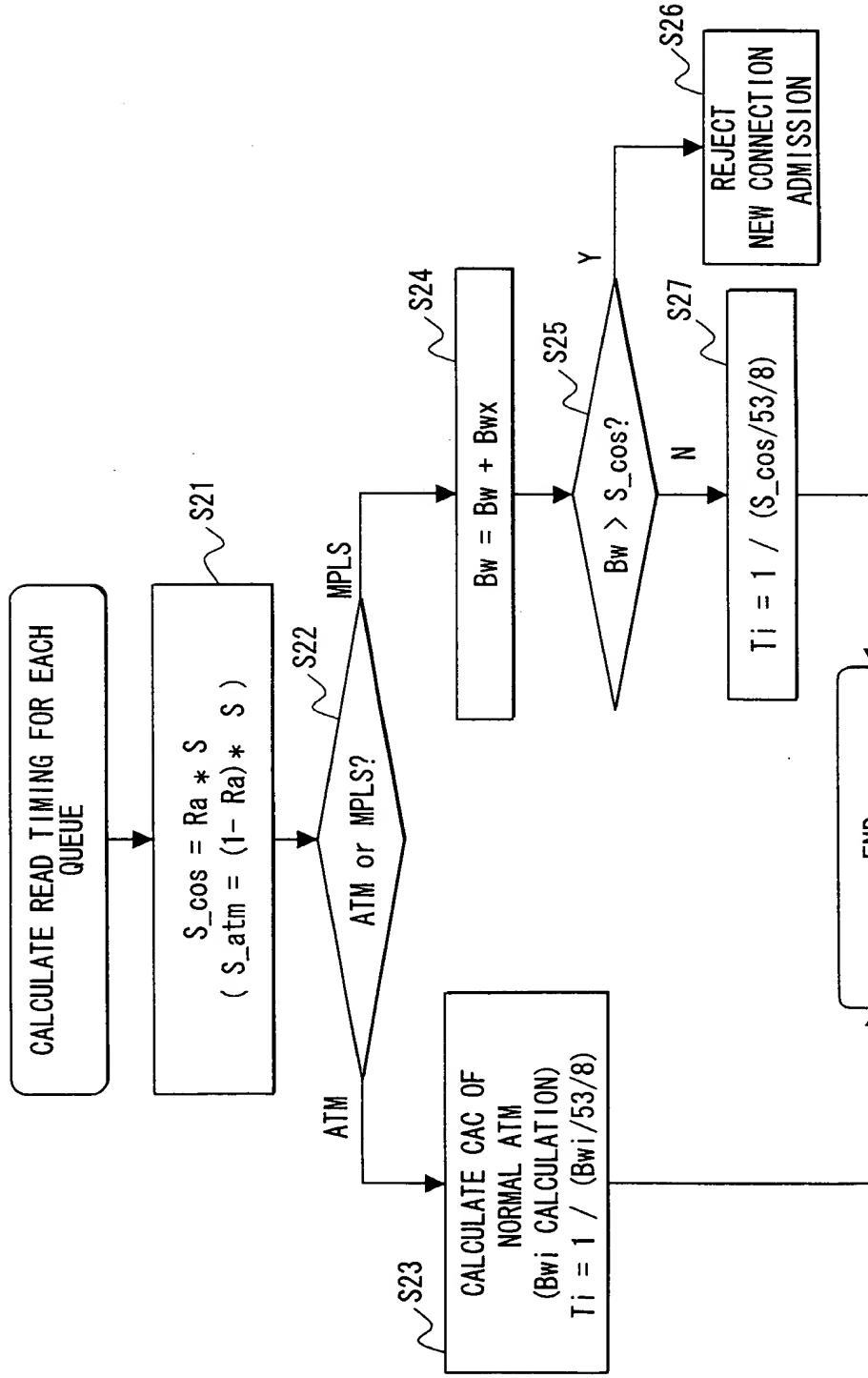


FIG. 7



S: PHYSICAL LINK BANDWIDTH
Ra: BANDWIDTH ALLOCATION RATE FOR MPLS

S_cos: BANDWIDTH FOR MPLS
S_atm: BANDWIDTH FOR ATM SERVICE

Bwi: READ BANDWIDTH FROM EACH SERVICE QUEUE
Bw: BANDWIDTH DEMANDED BY EACH CONNECTION OF MPLS

Bwx: BANDWIDTH DEMANDED BY NEWLY ADMITTING CONNECTION

FIG 66 ⑦

FIG. 8

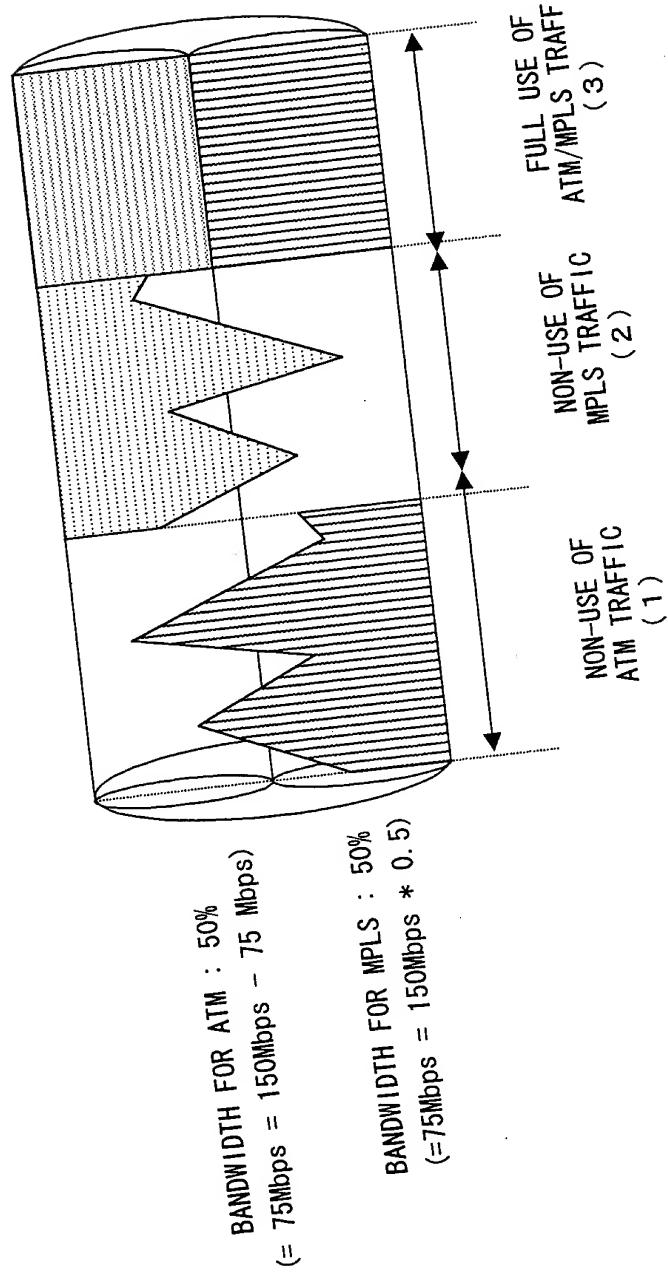
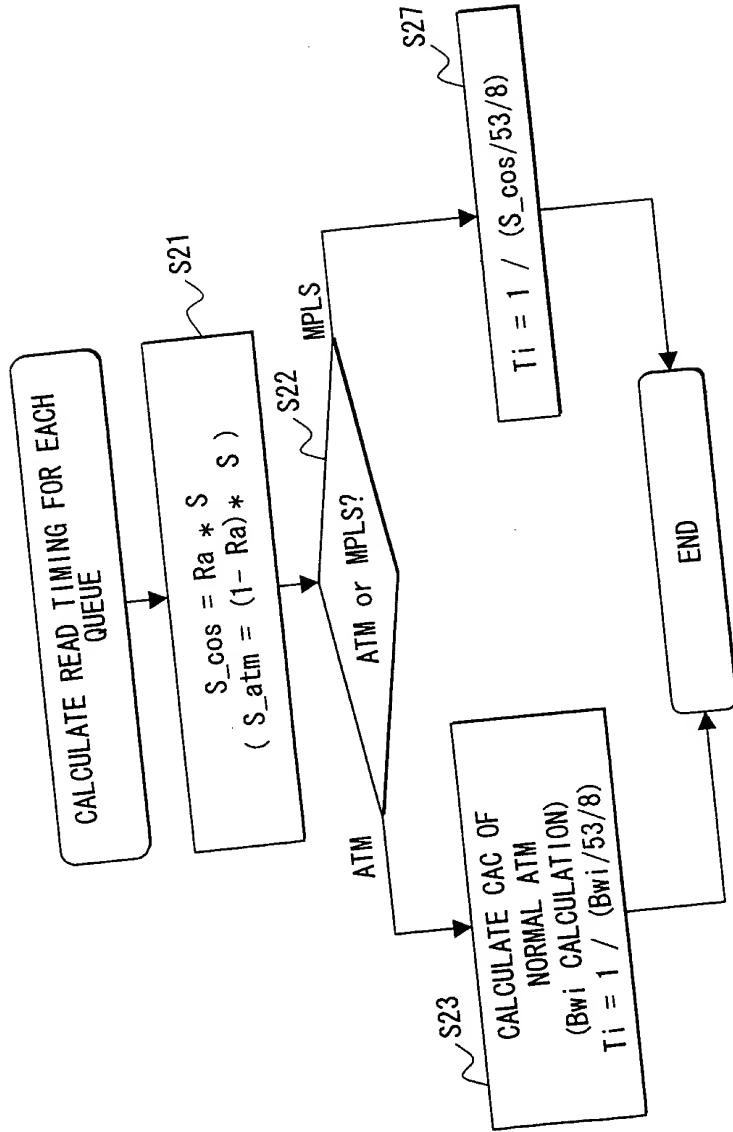


FIG 66 (8)

FIG. 9



S: PHYSICAL LINK BANDWIDTH
 Ra: BANDWIDTH ALLOCATION RATE FOR MPLS
 S_{cos}: BANDWIDTH FOR MPLS SERVICE
 S_{atm}: BANDWIDTH FOR ATM SERVICE
 S₂₂: READ BANDWIDTH FROM EACH SERVICE QUEUE
 Bwi: READ BANDWIDTH DEMANDED BY EACH CONNECTION OF MPLS
 BW: BANDWIDTH DEMANDED BY NEWLY ADMITTING CONNECTION
 Bwx: BANDWIDTH DEMANDED BY NEWLY ADMITTING CONNECTION

FG 66 ⑨

FIG. 10

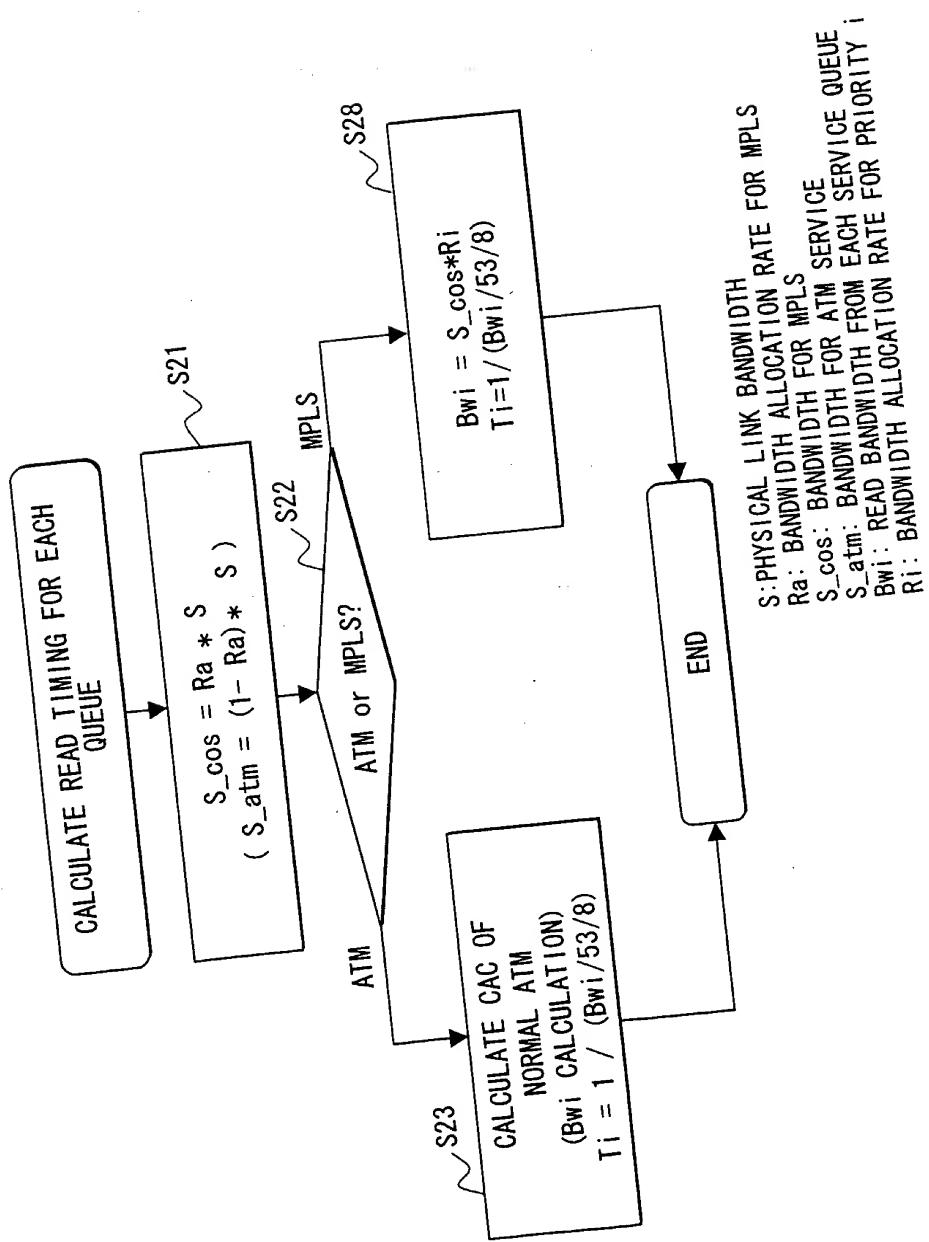


FIG. 11

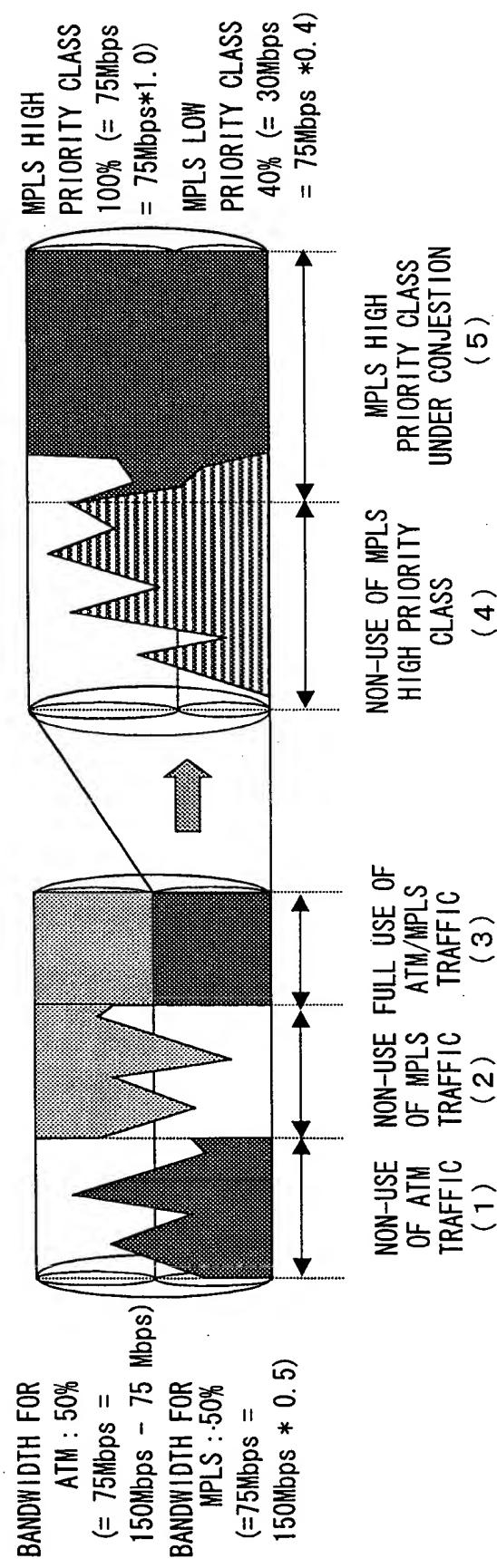


FIG. 12

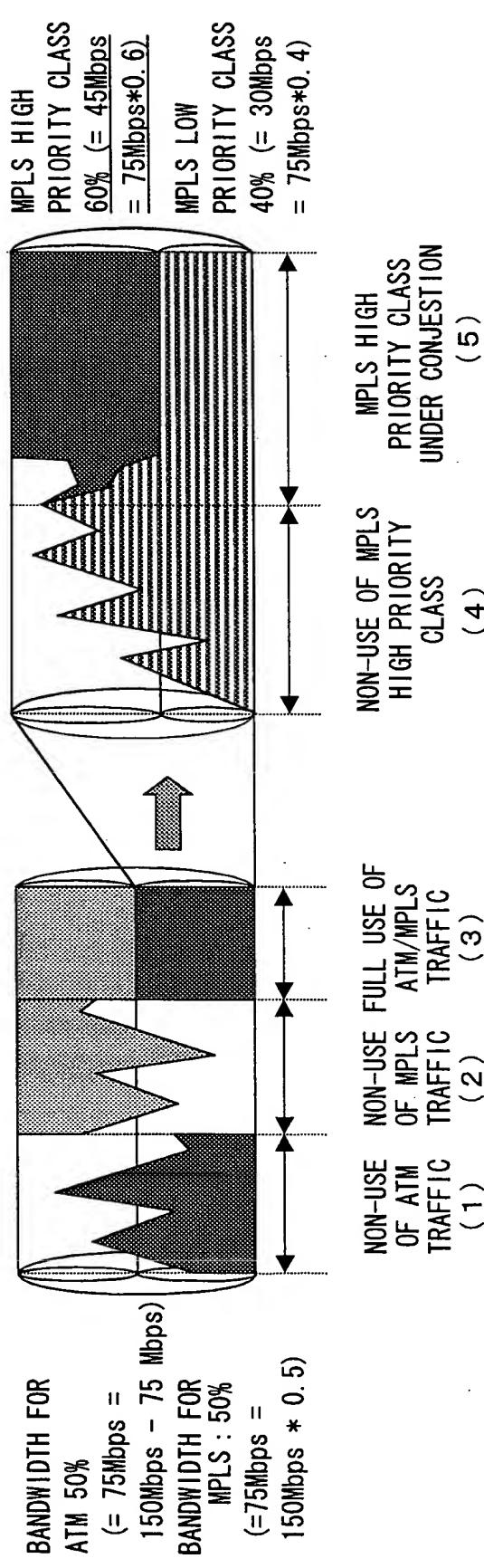
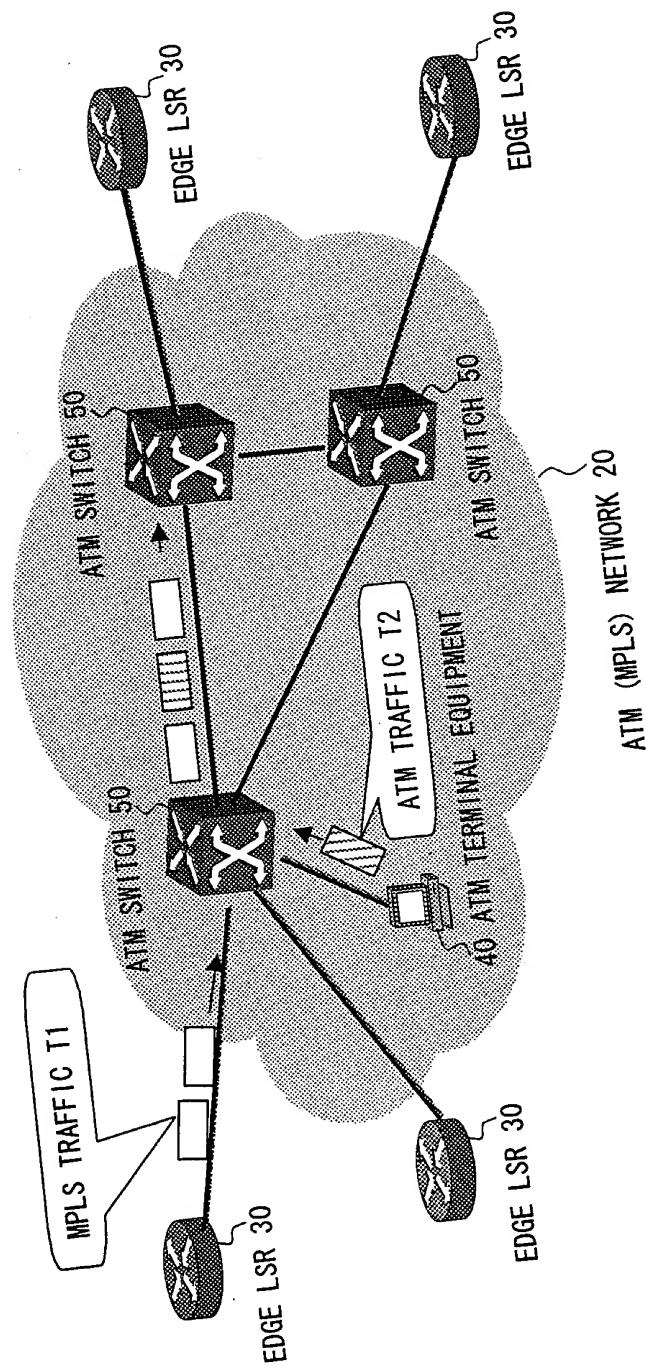


FIG. 13



LSR: LABEL SWITCHING ROUTER

FIG. 14

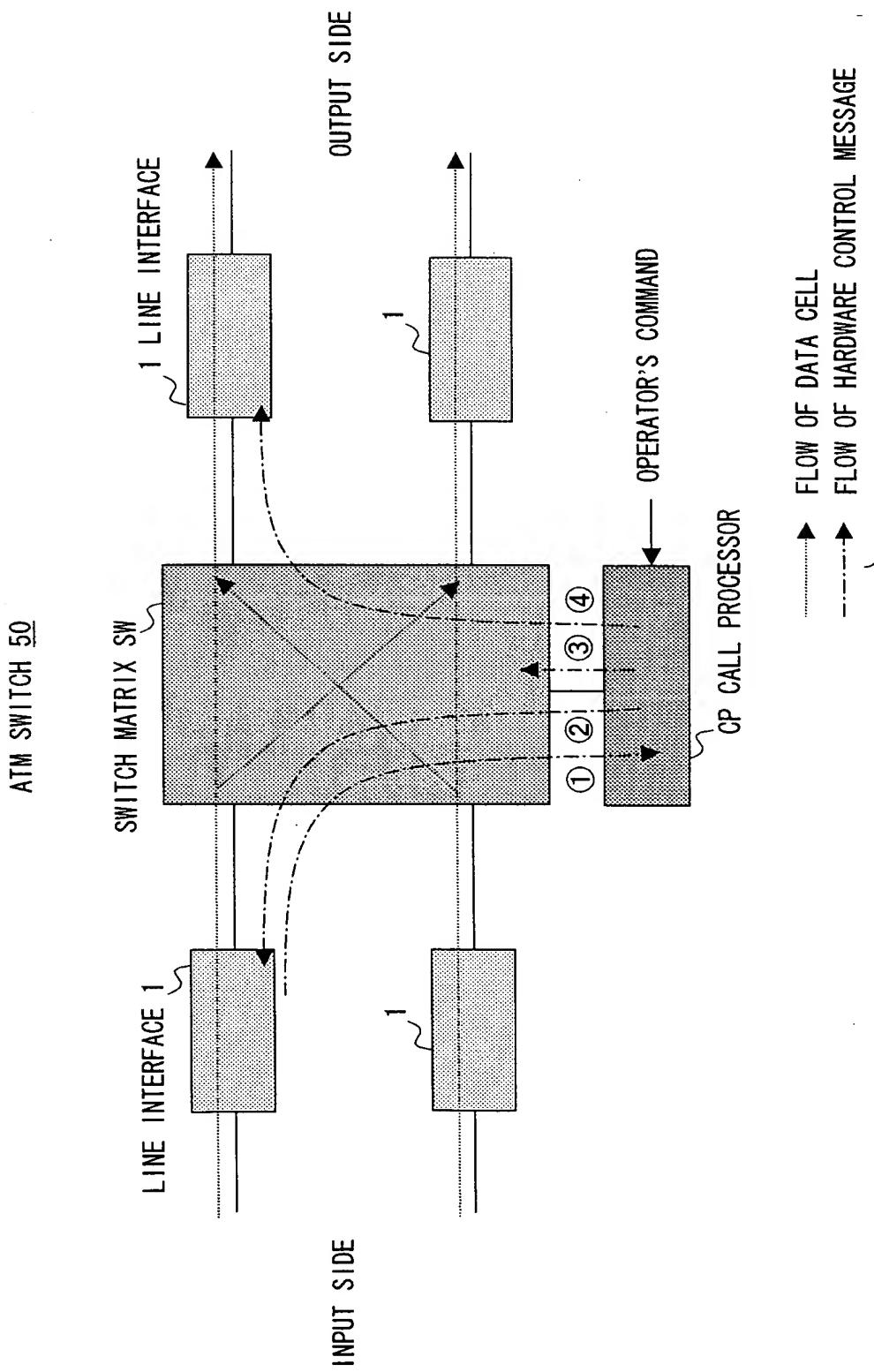


FIG. 15

